BR - 357/3/1/14

2nd and final Bill

M. A. R. 57 (Rule 116)

Measurement Book

SBR No. 266/13-14 No. B

191501

ದಿನಾಂಕ: 31/01/14

Serial No. .....

Name of work ..... Improvements to From Eeshnagara to layout Main and Cross Roads in Ward no. 09, Vidyaranyapura

Name of Contractor of nature of Agency.....

Date of commencement of work..... D.O. Recording : 31/01/2014 Sub-Division.

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Estimated cost : 17.20 Lakhs						
	DIB. No	009-13-000043					
	Work order. No	EE/BTP/BBMP/T-PMT/4528/W0/80/2013-14 Dt. 17-07-2013					
	Name of Agency	G. G. Chandra. M/s Bangalore.					

5.6. ಮಾರ್ಚ್ 2009

191600 ಕೆಂಪೇಗೌ

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
1)	Earthworks Excavation by manual means in ordy soil including an average horizontal throw upto 2m and an average lift upto 0.30m, Excavated surface levelled at sides neatly dressed, the disposed Earth to be levelled neatly after breaking of clods etc complete as per specifications and directions of Engineer in charge of the works						
		@ by rate this MB p 191 SO					
		# (1)	2	587.25	m³ C 81/13		46980.00
2)	Removing of B.d. clds	dressed	and	stacking	the etc		

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Num
1	2	3
	Complete as per specific Engineer-In-charge of	
3)	Refixing stone slabs 1:3 etc complete a of Engineer-In-cha	

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
	means is ordy		
	throws upto		
	excavated surface		
	the disposed		
	scaly of clods		
	directions of		
	this MB p 191580		
	7.25 m³ @ 80/m³		46980.00
	stacking ~~the~~ etc		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 191502

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Complete as per specifications and directions of ~~Engineer~~ Engineer-In-charge of the work						
			Qty vide this MB p. 191582				
			at no (2) =			1309.50 m² @ 45/m²	58928.00
3)	Refixing stone slabs of dressing and pointing in cm 1:3 etc complete as per specifications and directions of Engineer-In-charge of work.						
			Qty as per at No. (2) :			1309.50 m²	85118.00
						@ 65.00/m²	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	4) Scarifying stone metal crust 50mm to 100mm thick with pick and spading with premix, complete surface dressing of existing with in a lead of 100m by manual means including cost of all labour charges etc complete as per specifications and direction of Engineer-in-charge of work. Qty vide this MB p. ~~xx~~ # ③ = 3232.50 m² @ 18/-						58185.00
	5) providing all laying, spreading, and compacting graded stone aggregate to with max moisture, specifications						

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work
1	2
	including premixing one in mechanical mixers by hyper with power is sub prepared surface to achieve the dimensions specifications and direct work.

K

pth 6	Contents 7	Reference to last Measurement 8
...ns ...ns ..., Compl ...ble materials ... including ...ar perspecti- ...ge of work. ...m B p. ... ...2.504² @ 18/12		58185. ...
...ng graded ...specifications		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

191503

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	including premixing the material with water at one in mechanical mixer plant, carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory rollers to achieve the desired density as complete as per specifications and directions of Engineer-in-charge of work.						

Contents	Reference to last Measurement
7	8
132.00 m² 136.50 m² 66.30 m² 3254.88 m² 3232.50 m² @ 9.00/m²	29,093.00
bituminous der coat spray of itumen	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 191506

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Means etc Complete as per specifications and directions of Engineer-In-charge of the work.						
						Qty vide 2nd no. (6) = 3232.50 m²	
						@ 43/m²	1,38,998.00
8)	Providing and laying semi dense bituminous Concrete 25mm thick with 100-120 TPH batch type HMP producing an average output of 75 to/hr. using crushed aggregates of specified grading premixed with						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	bituminous binder at 4.5 kg/sq.m of MSK and fitters transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor fitted to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem Roller to achieve the desired compaction as per morth specification clause no 502.6. Complete in all respects as per specification.						
(a)	8th D. main-Road, Ganeshnagar						
	0.0 to 30.0 m Ch	1	30.0	$\frac{5.3+4.3}{2}$	0.025	= 3.4075	

Exe. Engr
Stp. Dn. 10/11

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Num
1	2	3
	Ch. 30.0 to 60.0 m	
	Ch. 60.0 to 90.0 m	
	Ch. 90.0 to 120.0 m	
	Ch. 120.0 to 136.10 m	
(b)	7th CROSS-Road	
	Ch. 0.0 to 30.0 m	
	Ch. 30.0 to 60.0 m	

Exe. Eng
Stp. D

OK

Depth 6	Contents 7	Reference to last Measurement 8
...ish coal fitting		
...ing Work 9		
...r fronted to		
...ed, Trolly Work		
...) Roller ch		
...per Mosts		
...is all respects		
...) 0.025 = 3.40		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 191507

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Ch. 30.0 to 60.0 m	1	30.00	$\frac{4.3+5.3}{2}$	0.025	3.30	
	Ch. 60.0 to 90.0 m	1	30.00	$\frac{4.5+4.8}{2}$	0.025	3.49	
	Ch. 90.0 to 120.0 m	1	30.00	$\frac{4.8+4.9}{2}$	0.025	3.61	
	Ch. 120.0 to 136.10 m	1	16.10	$\frac{4.9+5.2}{2}$	0.025	2.03	
(5)	7th Cross-Road						
	Ch. 0.0 to 30.0 m	1	30.00	$\frac{4.2+4.6}{2}$	0.025	3.30	
	Ch. 30.0 to 60.0 m	1	30.00	$\frac{4.6+4.5}{2}$	0.025	3.41	

Exe. Engr.
Stp. Dn.

CAFC

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Ch. 60.0 to 90.0 m	1	30.00	$\frac{4.5+4.4}{2}$	0.025	= 3.34	
	Ch. 90.0 to 120.0 m (Checked.)	1	30.00	$\frac{4.4+4.6}{2}$	0.025	= 3.34	
	Ch. 120.00 to 144.00 m (Exd. Btp. Dn.)	1	24.00	$\frac{4.6+4.6}{2}$	0.025	= 3.74	
(c)	7th 'A' CROSS-Road						
	Ch. 0.0 to 30.0 m	1	30.00	$\frac{6.0+4.4}{2}$	0.025	3.90 m	
	30.00 to 60.0 m	1	30.00	$\frac{4.4+4.6}{2}$	0.025	3.34	
	60.00 to 90.0 m	1	30.00	$\frac{4.5+4.4}{2}$	0.025	= 3.34	
	90.0 m to ~~120.0 m~~ 118.50	1	~~28.80~~	$\frac{4.4+4.6}{2}$	0.025	= 3.26	

Etc

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Nu
(d)	8th CROSS-Road	
	Ch. ~~120~~ 0.00 to ~~144.00~~ 31.50 m	
(e)	8th 'A' CROSS-Road	
	Ch. 0.00 to 33.50 m	
(f)	CROSS-Road (4th CROSS)	
	Ch. 0.00 to 30.0 m	
	30.0 to 60.0 m	
	60.00 to 90.0 m	

OK

Depth 6	Contents 7	Reference to last Measurement 8
0.025 = 3.34		
0.025 - 3.34		
0.025 - 3.34		
0.025 3.90		
0.025 3.34		
0.025 = 3.34		
0.025 = 3.26		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 191503

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number 3	Dimensions: Length 4	Dimensions: Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(d)	8m CROSS-ROAD						
	Ch. 0.00 to 31.50	1	31.50	$\frac{4.9+4.9}{2}$	0.025	3.79	
(e)	8m A' CROSS-ROAD						
	Ch. 0.00 to 33.50	1	33.50	$\frac{4.9+4.9}{2}$	0.025	3.77	
(f)	CROSS-ROAD (4m CROSS)						
	Ch. 0.00 to 30.00	1	30.00	$\frac{6.0+4.4}{2}$	0.025	3.70	
	30.00 to 60.00	1	30.00	$\frac{4.4+5.2}{2}$	0.025	3.60	
	60.00 to 90.00	1	30.00	$\frac{5.2+4.4}{2}$	0.025	3.68	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Ch. 90.00 to 120.00	1	30.00	4.60	0.025	3.45	
	120.00 to 154.10	1	34.10	$\frac{4.6+4.3}{2}$	0.025	3.79	
(9)	Petrol Bunk Backing of Road						
	Ch. 0.00 to 30.00	1	30.00	$\frac{4.3+4.5}{2}$	0.025	3.30	
	30.00 to 60.00	1	30.00	$\frac{4.5+4.6}{2}$	0.025	3.41	
	60.00 to 73.00	1	13.00	$\frac{4.6+5.1}{2}$	0.025	1.66	
						81.29	
					Less	80.81	
						@ 10400/-	840424.00

Serial No. .....

Name of work ..... Fro

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Numbe
1	2	3
9)	Lead for Disposal of d Carriage rate by mech and unloading etc compl draining Engineer - 1	

31/01/14

OK

Depth 6	Contents 7	Reference to last Measurement 8
0.025	3.45	
0.025	3.79	
0.025	3.30	
0.025	3.41	
0.025	1.66	
	81.29	
	80.81	
	@ 10410/-	840424.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 191503

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
9)	Lead for Disposal of debris shall be payable as Carriage rate by mechanical means including loading and unloading etc complete as per specification and direction of Engineer-in-charge work.						
	Extra rate	Nos.	(1)			587.243	41108.00
						@ 70/-	
						Total Rs	18,46,748.00

31/01/14

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

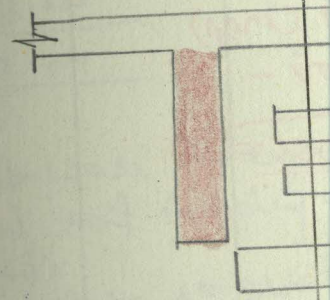
Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate -						
	(1) Certified that the Contractor has work done satisfactorily.						
	(2) The Contractor has removed the debris from site.						
	(3) there is no any dept. materials issued to Contractor.						
	31/01/2014						
	सहायक कार्यपालक अभियंतरु ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ, ಯಲಹಂಕ ಪಲಯು. ಬ್ಯಾ ಬೆಂ ಮ ಸಂ . ಬೆಂಗಳೂರು-97.						

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	
	31/01

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 1846700=00		IT-	18467-			
	ಗಳ್ಳಿಕ್ಕೆ ಖರ್ಚು ಮಾಡಿದೆ: ಇದರಲ್ಲಿ ರೂ 225955=00		1ST-	73870			
	ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂದು ಉಳಿದ ಮೊಬಲಗು		ಕೆಲಸ	110804			
	ರೂ 1620785=00		ಅಧಿಕ	18467-			
	ಚೆಕ್ ಮಜಾಂತರ ನೀಡಬಹುದಿದೆ		ಸಿಮೆಂಟ್	7847-			
			Roy-	ಸಿಮೆಂಟ್ (ಅಂಗಡಿ)			
			fine	2500-			
			Total	225955=00			

Serial No. ..... Top and Asphal
Name of work .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	
1	2	
	Estimated Cost Rs	2
	MB. no	2 1
	W.O. no	2
(1)	Earthwork Excavation in road soil in ordinary soil 2 mts BEL - 1st to 4th Blk 11th 'B' Cross - Road drain deepening	